

# Fact Sheet



## *For Final Minor Modification Permitting Action Under 45CSR30 and Title V of the Clean Air Act*

This Fact Sheet serves to address the changes specific to this Minor Modification, and shall be considered a supplement to the original Fact Sheet corresponding with the issuance of the initial Title V operating permit issued on October 19, 2005.

Permit Number: **R30-02300003-2005**  
Application Received: **December 31, 2008**  
Plant Identification Number: **03-54-023-00003**  
Permittee: **Virginia Electric and Power Company**  
Facility Name: **Mt. Storm Power Station**  
Mailing Address: **5000 Dominion Boulevard, Glen Allen, VA 23060**

*Permit Action Number: MM03 Revised: March 10, 2009*

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Physical Location:	Mt. Storm, Grant County, West Virginia
UTM Coordinates:	649.85 km Easting • 4340.00 km Northing • Zone 17
Directions:	State Route 93, two (2) miles west of Bismark.

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### **Facility Description**

Dominon's Virginia Electric and Power Company Mt. Storm Power Station is a coal-fired electric generation facility and operates under SIC code 4911 and NAICS code 22112. The facility consists of three (3) coal-fired boilers, two with a rated design capacity of 5,779 mmBtu/hr and one with a rated design capacity of 5,824 mmBtu/hr, an oil-fired auxiliary boiler with a rated design capacity of 150 mmBtu/hr, and various supporting operations such as coal handling, ash handling, limestone handling, and various tanks with insignificant emissions. The Mt. Storm Power Station also consists of a synthetic fuel manufacturing facility which operates under SIC code 1221 and NAICS code 212111. The Mt. Storm Power Station has the potential to operate seven (7) days per week, twenty-four (24) hours per day and fifty-two (52) weeks per year.

This modification incorporates a letter from the WVDAQ dated September 17, 2001. This letter grants approval for Dominon's Virginia Electric and Power Company to thermally decompose boiler cleaning solution in the boilers at the Mt. Storm Power Station.

## Emissions Summary

There are no emission increases as a result of the modification.

## Title V Program Applicability Basis

The facility will still maintain the potential to emit 205,559 tons per year of SO<sub>2</sub>, 47,167 tons per year NO<sub>x</sub>, 1,572 tons per year CO, and 3,077 tons per year PM<sub>10</sub> and 716 tons per year HAPs. Due to this facility's potential to emit over 100 tons per year of criteria pollutant, over 10 tons per year of a single HAP, and over 25 tons per year of aggregate HAPs, Virginia Electric and Power Company's Mt. Storm Power Station is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

## Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

The modification to this facility has been found to be subject to the following applicable rules:

Federal and State: 45CSR30 Operating permit requirement.

State Only: WVDAQ letter dated September 17, 2001.

Each State and Federally-enforceable condition of the draft Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the draft Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the draft Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR15, 45CSR34 and 45CSR30.

## Determinations and Justifications

The following change to the October 19, 2005 Title V Permit is the approval, granted by the WVDAQ in a letter for Dominion's Virginia Electric and Power Company to thermally decompose boiler cleaning solution at the Mt. Storm Power Station on an as needed pre-approved basis. Dominion is required store the spent cleaning solution in temporary (frac) tanks, test samples of the spent solution to verify the solution is non-hazardous, and notify the DAQ at least one (1) day prior to commencement of the thermal decomposition.

## Non-Applicability Determinations

No additional non-applicability determinations were made for this modification.

## Request for Variances or Alternatives

None

## Insignificant Activities

Insignificant emission unit(s) and activities are identified in the Title V application.

## **Comment Period**

All written comments should be addressed to the following individual and office:

Rex Compston  
Title V Permit Writer  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304

## **Procedure for Requesting Public Hearing**

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

## **Point of Contact**

Rex Compston  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
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